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Customer Number



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Patent

Case No.: 55304US016

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: **MCARDLE, JAMES L.**

Application No.: **10/776,156**

Group Art Unit:

Filed: **February 11, 2004**

Examiner:

Title: **CERAMIC AGGREGATE PARTICLES**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

Aug. 3, 2004

Date

Susan P. Gumatz

Signed by: Susan P. Gumatz

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. Copies of any cited foreign patents, non-patent literature, and unpublished US application documents are enclosed. Pursuant to the waiver in the Pre-OG Notice, dated July 11, 2003, copies of US patents and published US patent applications are no longer required and are not enclosed. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

It is believed that no fee is due; however, in the event a fee is required, please charge the fee to Deposit Account No. 13-3723.

Respectfully submitted,

August 3, 2004

Date

By:

Jennie G. Boeder  
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Telephone No.: (651) 733-1940

Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Facsimile No.: 651-736-3833

Substitute for form 1449A/PTO (modified)

AUS 0 5 2004

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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10/776,156

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First Named Inventor

McArdle, James, L.

Art Unit

Examiner Name

Attorney Case Number

55304US016

**U.S. Patent Documents**

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US- 1,910,444	05/23/1933	Nicholson	
	A2	US- 2,194,472	03/26/1940	Jackson	
	A3	US- 2,216,728	10/08/1940	Benner et al.	
	A4	US- 2,768,087	10/23/1956	Bird	
	A5	US- 2,958,593	11/01/1960	Hoover et al.	
	A6	US- 3,041,156	06/26/1962	Rowse et al.	
	A7	US- 3,079,243	02/26/1963	Ueltz	
	A8	US- 3,118,265	01/21/1964	Shaver	
	A9	US- 3,491,491	01/27/1970	Ueltz	
	A10	US- 3,491,492	01/27/1970	Ueltz	
	A11	US- 3,502,453	03/24/1970	Baratto	
	A12	US- 3,637,360	01/25/1972	Ueltz et al.	
	A13	US- 3,693,893	09/26/1972	McIntyre	
	A14	US- 3,781,172	12/25/1973	Pett et al.	
	A15	US- 3,828,801	08/13/1974	Merrill	
	A16	US- 3,864,101	02/04/1975	Charvat	
	A17	US- 3,874,856	04/01/1975	Leeds	
	A18	US- 3,891,408	06/24/1975	Rowse et al.	
	A19	US- 3,893,826	07/08/1975	Quinan et al.	
	A20	US- 3,911,202	10/07/1975	Stine et al.	
	A21	US- 3,916,584	11/04/1975	Howard et al.	
	A22	US- 3,924,023	12/02/1975	Boranian et al.	
	A23	US- 3,928,949	12/30/1975	Wagner	
	A24	US- 3,955,942	05/11/1976	Cordon et al.	
	A25	US- 3,990,479	11/09/1976	Stine et al.	
	A26	US- 4,045,416	08/30/1977	Robson et al.	
	A27	US- 4,065,407	12/27/1977	Bambrick	

\*Examiner:

Date Considered:

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<b>Substitute for form 1449A/PTO (modified)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)  Page 2 of 11	Application Number	10/776,156
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		Doc. Number-(Kind Code if Known)			
	A28	US- 4,073,096	02/14/1978	Ueltz et al.	
	A29	US- 4,112,631	09/12/1978	Howard	
	A30	US- Re 29,808	10/24/1978	Wagner	
	A31	US- 4,126,429	11/21/1978	Watson	
	A32	US- 4,132,533	01/02/1979	Lohmer et al.	
	A33	US- 4,194,887	03/25/1980	Ueltz et al.	
	A34	US- 4,227,350	10/14/1980	Fitzer	
	A35	US- 4,252,544	02/24/1981	Takahashi	
	A36	US- 4,305,898	12/15/1981	Obersby	
	A37	US- 4,311,489	01/19/1982	Kressner	
	A38	US- 4,314,827	02/09/1982	Leitheiser et al.	
	A39	US- 4,318,766	03/09/1982	Smith	
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	A41	US- 4,364,746	12/21/1982	Bitzer et al.	
	A42	US- 4,364,877	12/21/1982	Clement et al.	
	A43	US- 4,393,021	07/12/1983	Eisenberg et al.	
	A44	US- 4,407,967	10/04/1983	Luks	
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	A46	US- 4,456,498	06/26/1984	Churchland	
	A47	US- 4,457,767	07/03/1984	Poon et al.	
	A48	US- 4,486,200	12/04/1984	Heyer et al.	
	A49	US- 4,518,397	05/21/1985	Leitheiser et al.	
	A50	US- 4,541,842	09/17/1985	Rostoker	
	A51	US- 4,543,107	09/24/1985	Rue	
	A52	US- 4,562,275	12/31/1985	Speer et al.	
	A53	US- 4,563,388	01/07/1986	Bonk et al.	
	A54	US- 4,575,384	03/11/1986	Licht et al.	

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		Doc. Number-(Kind Code if Known)			
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	A58	US- 4,652,274	03/24/1987	Boettcher et al.	
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	A60	US- 4,734,104	03/29/1988	Broberg	
	A61	US- 4,735,632	04/05/1988	Oxman et al.	
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	A64	US- 4,741,743	05/03/1988	Narayanan et al.	
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	A66	US- 4,749,617	06/07/1988	Canty	
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	A70	US- 4,759,507	07/26/1988	Lynch et al.	
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	A72	US- 4,770,671	09/13/1988	Monroe et al.	
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	A74	US- 4,789,507	12/06/1988	Wesley et al.	
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	A77	US- 4,814,029	03/21/1989	Butcher	
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	A80	US- 4,840,809	06/20/1989	Hsu	
	A81	US- 4,848,041	07/18/1989	Kruschke	

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	A82	US- 4,881,951	11/21/1989	Wood et al.	
	A83	US- 4,895,994	01/23/1990	Cheng et al.	
	A84	US- 4,898,597	02/06/1990	Hay et al.	
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	A90	US- 4,933,234	06/12/1990	Kobe et al.	
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	A94	US- 4,964,883	10/23/1990	Morris et al.	
	A95	US- 4,985,340	01/15/1991	Palazzotto et al.	
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	A97	US- 4,997,461	03/05/1991	Markhoff-Matheny et al.	
	A98	US- 5,009,675	04/23/1991	Kunz et al.	
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	A101	US- 5,028,483	07/02/1991	Chernega et al.	
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	A107	US- 5,061,294	10/29/1991	Harmer et al.	
	A108	US- 5,078,596	01/07/1992	Carberry et al.	

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	A109	US- 5,085,671	02/04/1992	Martin et al.	
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	A119	US- 5,137,542	08/11/1992	Buchanan et al.	
	A120	US- 5,139,978	08/18/1992	Wood	
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	A122	US- 5,152,917	10/06/1992	Pieper et al.	
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	A127	US- 5,203,884	04/20/1993	Buchanan et al.	
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	A131	US- 5,219,806	06/15/1993	Wood	
	A132	US- 5,236,472	08/17/1993	Kirk et al.	
	A133	US- 5,261,612	11/16/1993	Ftaiha	
	A134	US- 5,282,875	02/01/1994	Wood et al.	
	A135	US- 5,300,129	04/05/1994	Clark	

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		Doc. Number-(Kind Code if Known)			
	A136	US- 5,318,604	06/07/1994	Gorsuch et al.	
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	A140	US- 5,366,523	11/22/1994	Rowenhorst et al.	
	A141	US- 5,372,989	12/13/1994	Geigle et al.	
	A142	US- 5,378,251	01/03/1995	Culler et al.	
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	A144	US- 5,417,726	05/23/1995	Stout et al.	
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	A150	US- 5,453,106	09/26/1995	Roberts	
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	A152	US- 5,489,204	02/06/1996	Conwell et al.	
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	A155	US- 5,498,268	03/12/1996	Gagliardi et al.	
	A156	US- 5,498,269	03/12/1996	Larmie	
	A157	US- 5,500,273	03/19/1996	Holmes et al.	
	A158	US- 5,520,711	05/28/1996	Helmin	
	A159	US- 5,534,470	07/09/1996	Andrus et al.	
	A160	US- 5,547,479	08/20/1996	Conwell et al.	
	A161	US- 5,549,962	07/27/1996	Holmes et al.	
	A162	US- 5,550,723	08/27/1996	Ullman	

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		Doc. Number-(Kind Code if Known)			
	A163	US- 5,551,963	09/03/1996	Larmie	
	A164	US- 5,578,098	11/26/1996	Gagliardi et al.	
	A165	US- 5,593,467	01/14/1997	Monroe	
	A166	US- 5,609,706	03/11/1997	Benedict et al.	
	A167	US- 5,611,829	03/18/1997	Monroe et al.	
	A168	US- 5,628,952	05/13/1997	Holmes et al.	
	A169	US- 5,645,618	07/08/1997	Monroe et al.	
	A170	US- 5,645,619	07/08/1997	Erickson et al.	
	A171	US- 5,649,984	07/22/1997	Sigalas et al.	
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	A173	US- 5,669,941	09/23/1997	Peterson	
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	A175	US- 5,690,705	11/25/1997	Holmes et al.	
	A176	US- 5,714,259	02/03/1998	Holmes et al.	
	A177	US- 5,725,162	03/10/1998	Garg et al.	
	A178	US- 5,733,178	03/31/1998	Ohishi	
	A179	US- 5,738,696	04/14/1998	Wu	
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	A186	US- 5,855,632	01/05/1999	Stoetzel et al.	
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	A188	US- 5,893,935	04/13/1999	Wood	
	A189	US- 5,903,951	05/18/1999	Ionta et al.	

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	A190	US- 5,908,477	06/01/1999	Harmer et al.	
	A191	US- 5,908,478	06/01/1999	Wood	
	A192	US- 5,910,471	08/08/1999	Christianson et al.	
	A193	US- 5,914,356	06/22/1999	Erbe	
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	A195	US- 5,954,844	09/21/1999	Law et al.	
	A196	US- 5,958,794	09/28/1999	Bruxvoort et al.	
	A197	US- 5,961,674	10/05/1999	Gagliardi et al.	
	A198	US- 5,975,988	11/02/1999	Christianson	
	A199	US- 5,997,461	12/07/1999	Armington et al.	
	A200	US- 6,013,222	01/11/2000	Douglas et al.	
	A201	US- 6,054,093	04/25/2000	Torre, Jr. et al.	
	A202	US- 6,056,794	05/02/2000	Stoetzel et al.	
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	A204	US- 6,155,910	12/05/2000	Lamphere et al.	
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	A206	US- 6,228,133 B1	05/08/2001	Thurber et al.	
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<b>Substitute for form 1449A/PTO (modified)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)  Page 9 of 11	Application Number	10/776,156
	Filing Date	February 11, 2004
	First Named Inventor	McArdle, James, L.
	Art Unit	
	Examiner Name	
	Attorney Case Number	55304US016

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